INTER-COMPANY CORRESPONDENCE

2832

(CLIENT NAME) COMPANY CARBIDE AND CARBON CHEMICALS CORP. LOCATION Post Office Box P OAK RIDGE, TENN.

TO Mr. E. B. Olszewski
LOCATION K-1004-D

DATE February 16, 1948

ANSWERING LETTER DATE

ATTENTION
COPY TO ✓M. J. Costello, M. D., K-1003
R. A. Walker, K-1037

SUBJECT Building K-1037

104.8

Arrangements are currently being made with Mr. R. A. Walker to schedule an air sampling program in certain restricted areas within the K-1037 Building. In anticipation of this work, it will be appreciated if arrangements are made by the Works Laboratory to obtain the necessary security approval to have the required laboratory personnel enter these restricted areas. It is understood that the request for security approval should be directed to the Plant Protection Division with a copy to Mr. R. A. Walker.

N. H. Ketcham

N. H. Ketcham
Industrial Hygienist
Medical Department

NHK:hsp

Security File

WCX-80

THIS FORM FOR INTER-COMPANY CORRESPONDENCE ONLY

2833

I N T E R - C O M P A N Y C O R R E S P O N D E N C E

(Insert Form) COMPANY Carbide and Carbon Chemicals Corporation LOCATION Post Office Box P Oak Ridge, Tennessee

TO Mr. B. Speyers
Mr. J. P. Murray
Mr. S. Cromer
Dr. F. W. Hurd
Dr. C. K. Beck

DATE October 13, 1948

SUBJECT Device for the Removal of Mercury Vapor from the Exhaust of Vacuum Cleaners

104.8

Clean up of mercury spills in the Plant Areas in the past was accomplished by using standard type vacuum cleaners. Analysis made of the exhaust stream from cleaners used in this service revealed over tolerance values of mercury vapor.

Tests to determine a suitable filter to minimize such conditions of contamination were initiated. Report No. K-272, "A Device for the Removal of Mercury Vapor from the Exhaust of Vacuum Cleaners" - W. D. Cline and J. A. Westbrook, dated September 20, 1948, summarizes test data and design specifications for the fabrication of a filter for use with the standard tank type vacuum cleaners.

The above report was reviewed by the Central Safety Committee and the use of such filters recommended in connection with the clean up of mercury spills. One filter has been fabricated and is presently being used by the Instrument Department. Results obtained after six (6) hours of intermittent use are highly satisfactory.

It is recommended that vacuum cleaners used for such service in other Plant Areas be equipped with the new filters. Details of filter design are listed in the report, and the necessary filter material may be obtained from Mr. W. D. Cline, Building K-1004-A.

A. P. Dunlap, Superintendent
Safety and Inspection Division

WLR:AFB:mrh

cc: Mr. R. A. Walker
Mr. R. M. Williams
Mr. R. A. Wiswall
Mr. K. W. Bahler
Mr. G. T. E. Sheldon
Mr. W. D. Cline
Dr. J. S. Lyon
Mr. A. F. Becher
Mr. W. L. Richardson